

Purchasing Receipts



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER PO040866

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO040866  
**PO Date:** 8/28/18  
**Due Date:** 8/31/18  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Phone:

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground  
**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:** QUOTE NO. SOU0128627, SOU0128223

E-MAILED  
AUG 29 2018

## Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		MT-HRS-P-0.750		Hot Rolled Steel Plate 0.750" (44W) : MATERIAL: HOT ROLLED STEEL SHEET ASTM A36 OR ASTM A1011 OR 44W OR ASTM A1018	Firmed	-	8/31/18	32 sf	0 sf	32 sf	\$17.43625/sf	\$557.96
2	A	M6061T6R0.750		6061-T6 Round Bar .750" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	8/31/18	60 ft	0 ft	60 ft	\$1.95/ft	\$117.00
3	A	M6061T6R5.000		6061-T6 Round Bar 5.000" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	8/31/18	6 ft	0 ft	6 ft	\$97.21666/ft	\$583.30

8/28/2018

## PURCHASE ORDER

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extend Price
4		M303B1.000X1.000		M303B1.000 X 1.000 : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	24 ft	0 ft	24 ft	\$39.10/ft	\$938.
5	✓ AT	M303R0.625		303 Round Bar 0.625" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	12 ft	0 ft	12 ft	\$6.236666/ft	\$74.8
6	AT	MT-H13-R0.625		AISI H13 Tool Steel Round Bar : MATERIAL: AISI H13 TOOL STEEL ROUND BAR AISI H13	Firmed	-	8/31/18	12 ft	6 ft	12 ft	\$6.95/ft	\$83.40
7	AT	M304R1.000		304 Round Bar 1.00 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	24 ft	0 ft	24 ft	\$12.654583/ft	\$303.71
8	MT-O1-B-0.375X0.500			Tool Steel Bar 0.375" X 0.500"	Firmed	-	9/6/18	6 ft	0 ft	6 ft	\$26.65/ft	\$159.90
9	MT-O1-R0.375			Tool Steel Round Bar 0.375 dia.	Firmed	-	9/6/18	6 ft	6 ft	6 ft	\$6.65/ft	\$39.90

Grand Total: \$2,858.41

## Order Notes

- Procurement Quality Clauses
- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

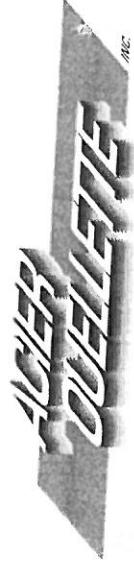
AT 

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 8/28/18 3:20 PM dart.lavoie.chantal

**ACIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**DELIVERY - CLIENT****Copy**

CO00107252

**Billed to**

DART AEROSPACE LTD

**Shipped to**

2 whsp.

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200  
**Delivery Route** 5

Your order N°  
**2018/09/11**  
Processed by  
Salesman  
Carrier  
Credit terme

Product Description	Weight	Qty	UM	PCS NB				Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C	OUT
<b>1 ROUND ALU 3/4 6061-T6 *</b> RAL-34 3 X 20' HEAT: 68706	31.38	60.00	PL_\$CLB		3x20						
<b>2 ROUND ALU 5 6061-T6 *</b> RAL-5 1 X 6' HEAT: SVA171313	138.24	6.00	PL_\$CLB		1X6						
<b>3 SQUARE SS 1 SS303 NS</b> CSS-1303 2 X AC19280-SM-2018/09/10	81.60	24.00	PL_\$CLB								
<b>4 ROUND SS 5/8 303 RANDOM NS</b> RSS-58303-V 1 X AC19280-SM-2018/09/10 HEAT: 897B	12.52	12.00	PL_\$CLB		1X10						
<b>5 ROUND SS 1 304 (R)</b> RSS-1 2 X HEAT: 830W	64.08	24.00	PL_\$CLB		2X13	4'					
<b>6 ROUND TOOL STEEL 5/8 H13 NS</b> RH13-58 1 X AC19282-HA-2018/09/05 Heat: B29392	12.52	12.00	PL		1X6	1X6					

RAL-34 # 5157

TRA-1723 49072

### Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER, #201  
LAVAL, QC  
H7L5R2

# commande order # : 7020941

# bon de commande / Purchase order # : OU-47416

# de matrice / Die # : MS 9909 Description : 3/4"ROD

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

# Contrôle / Control # : 85611-1

# Coulée / Cast # : 68706

Dureté Rockwell E / Min. requis / Max. permis /  
Rockwell E hardness : 91 HRE Min. required : 88 HRE Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0,20 - 0,60	0,35 Max	0,10 Max	0,10 Max	0,45 - 0,90	0,10 Max	0,10 Max	0,10 Max
6005	0,60 - 0,90	0,35 Max	0,10 Max	0,10 Max	0,40 - 0,60	0,10 Max	0,10 Max	0,10 Max
6005A	0,66 - 0,74	0,14 - 0,28	0,08 - 0,16	0,18 - 0,26	0,46 - 0,54	0,03 Max	0,05 Max	0,05 Max
6061	0,40 - 0,80	0,70 Max	0,15 - 0,40	0,15 Max	0,80 - 1,20	0,04 - 0,35	0,25 Max	0,15 Max
6351	0,7 - 1,3	0,5 Max	0,10 Max	0,40 - 0,80	0,40 - 0,80	...	0,20 Max	0,20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,  
Yours truly,

date : 2017-03-28

Daniel Alfredo Pelletier  
Directeur Qualité  
Quality Director

## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL M6061-T6/T651/T6510/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-2258 OR ANSI-QQ-A-2258 (OR AMS 4117/4128/4115/4116)  
OR QQA-200/8 OR AMS QQA-200/8 (OR AMS 4160)

OR ASTM B211 OR ASTM B221

M6061-T6R[D.DDD]

[DIA.]

WHERE "D.DDD" = DIAMETER IN INCHES

E.G. 5/8" ROUND BAR = M6061T6R0.625

PART NUMBER:  
B

WHERE "D.DDD" = DIAMETER IN INCHES

E.G. 5/8" ROUND BAR = M6061T6R0.625

RELEASED  
R 2009-09-09  
M

B	REFORMATT DWG. ADD B211& B221 SPEC (ZN DB-1).	CP	09-07-13
A	NEW ISSUE	DS	01-06-08
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	
MFG. APPR		M6061-T6R	
APPROVED		TITLE	REV. B
DE APPR		6061-T6 ROUND BAR	SHEET 1 OF 1
SCALE			NTS
DATE	09.07.13		Copyright DART AEROSPACE LTD 2009. All rights reserved. No part of this drawing may be reproduced without written permission from DART Aerospace Ltd.

7

6

5

4

3

2

1

0

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R0.750  
 DATE: 18/01/17

PO / BATCH NO.: P0040866/510759

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 60ft  
 QUANTITY INSPECTED: 60ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"  
 THICKNESS RECEIVED: 0.750"  
 SHEET SIZE ORDERED: -  
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>ASTM B21</i>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>HT: 68706</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	<u>AJ</u>	SIGNED OFF BY:
DATE:	<u>18/01/17</u>	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

S176

RAL-S-V

TRD 2001

4951



**GVA**  
Global Vietnam  
Aluminium Co., Ltd

GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Address: MY XUAN B1-CONAC INDUSTRIAL ZONE, MY XUAN TOWN, TAN THANH DISTRICT,  
BA RIA VUNG TAU PROVINCE, VIETNAM  
Tel: +84(0)643924954  
Fax: +84(0)643924953

### MILL TEST CERTIFICATE

Date: 8 August, 2017

PO number: 17-P-292

Shipping Ref No.: 17-1489

LC No.: DC HMN713076

Date of issue: 28 July, 2017

Item Code: 1075703

Doc Number: D00530

Alloy & Temper: 6061-T6511

Production Description: CUSTOM ALUMINIUM EXTRUSION (Round Bar)

Round Bar 5"x 12' 6061-T6511

Length (inch): 144

Buadle number: 17-P-292-032, 17-P-292-035, 17-P-292-034, 17-P-292-033

Heat Number: SXA171313

Date: 24/07/2017

Applicable Specifications: ASTM B221 STANDARDS

#### CHEMICAL ANALYSIS: %

Si	Mg	Fe	Cu	Mn	Cr	Zn	Ti	Al	Other		Remark:
									RACH	TOTAL	
0.659	0.993	0.240	0.264	0.017	0.088	0.013	0.022	98.619	<0.05	<0.10	21/7/2017

#### MECHANICAL ANALYSIS:

Ult. Strength (ksi)	Yield Strength (ksi)	Elongation % LN 2"	Remark:
42.1	39.6	14.8	21/7/2017

All profiles, showing material shipped match aluminium alloy as per standard, with chemical analysis to match aluminium alloy standard.

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.

Quality Manager:



TRUNG TÂM KIỂM NGHIỆM CÔNG TY  
TNHH NHÔM TOÀN CẦU VIỆT NAM  
GLOBAL VIETNAM ALUMINUM  
CO., LTD TESTING CENTER

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6R5.000  
 DATE: 18/09/17

PO / BATCH NO.: P0040866/S10761

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 6ft  
 QUANTITY INSPECTED: 6ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 5.000"  
 THICKNESS RECEIVED: 5.000"  
 SHEET SIZE ORDERED: -  
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>ASTM B21</i>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>HT.5X4171313</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	<u>AT</u>	SIGNED OFF BY:
DATE:	<u>18/09/17</u>	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL M6061-T6/T6510/T6511-T62 ALUMINUM ROUND BAR  
SPECIFICATION:

QQ-A-2258 OR AMS-QQ-A-2258 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-2008 OR AMS-QQ-A-2008 (OR AMS 4180)

OR ASTM B211 OR ASTM B221

M6061T6R[DIA.DDD]  
[DIA.]

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

PART NUMBER:



PURCHASE MATERIAL M6061-T6/T6510/T6511-T62 ALUMINUM ROUND BAR  
SPECIFICATION:

QQ-A-2258 OR AMS-QQ-A-2258 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-2008 OR AMS-QQ-A-2008 (OR AMS 4180)

OR ASTM B211 OR ASTM B221

M6061T6R[DIA.DDD]  
[DIA.]

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

**RELEASED**  
2009-09-09  
*[Signature]*

B	REFORMAT DWG ADD B211& B221 SPEC (ZN D6-1), REF PAR Q8-020A	CP	09-07-13
A	NEW ISSUE	DS	01-06-00
REV.	BY DATE	BY	DATE
DESIGN	DESCRIPTION	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO CANADA	REV. B
CHECKED		DRAWING NO.	SHEET OF 1
MFG. APPR.		M6061T6R	SCALE
APPROVED		TITLE	NTS
DE APPR.		6061-16 ROUND BAR	
DATE	09.07.13		

7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
8010  
8011  
8012  
8013  
8014  
8015  
8016  
8017  
8018  
8019  
8020  
8021  
8022  
8023  
8024  
8025  
8026  
8027  
8028  
8029  
8030  
8031  
8032  
8033  
8034  
8035  
8036  
8037  
8038  
8039  
8040  
8041  
8042  
8043  
8044  
8045  
8046  
8047  
8048  
8049  
8050  
8051  
8052  
8053  
8054  
8055  
8056  
8057  
8058  
8059  
8060  
8061  
8062  
8063  
8064  
8065  
8066  
8067  
8068  
8069  
8070  
8071  
8072  
8073  
8074  
8075  
8076  
8077  
8078  
8079  
8080  
8081  
8082  
8083  
8084  
8085  
8086  
8087  
8088  
8089  
8090  
8091  
8092  
8093  
8094  
8095  
8096  
8097  
8098  
8099  
80100  
80101  
80102  
80103  
80104  
80105  
80106  
80107  
80108  
80109  
80110  
80111  
80112  
80113  
80114  
80115  
80116  
80117  
80118  
80119  
80120  
80121  
80122  
80123  
80124  
80125  
80126  
80127  
80128  
80129  
80130  
80131  
80132  
80133  
80134  
80135  
80136  
80137  
80138  
80139  
80140  
80141  
80142  
80143  
80144  
80145  
80146  
80147  
80148  
80149  
80150  
80151  
80152  
80153  
80154  
80155  
80156  
80157  
80158  
80159  
80160  
80161  
80162  
80163  
80164  
80165  
80166  
80167  
80168  
80169  
80170  
80171  
80172  
80173  
80174  
80175  
80176  
80177  
80178  
80179  
80180  
80181  
80182  
80183  
80184  
80185  
80186  
80187  
80188  
80189  
80190  
80191  
80192  
80193  
80194  
80195  
80196  
80197  
80198  
80199  
80200  
80201  
80202  
80203  
80204  
80205  
80206  
80207  
80208  
80209  
80210  
80211  
80212  
80213  
80214  
80215  
80216  
80217  
80218  
80219  
80220  
80221  
80222  
80223  
80224  
80225  
80226  
80227  
80228  
80229  
80230  
80231  
80232  
80233  
80234  
80235  
80236  
80237  
80238  
80239  
80240  
80241  
80242  
80243  
80244  
80245  
80246  
80247  
80248  
80249  
80250  
80251  
80252  
80253  
80254  
80255  
80256  
80257  
80258  
80259  
80260  
80261  
80262  
80263  
80264  
80265  
80266  
80267  
80268  
80269  
80270  
80271  
80272  
80273  
80274  
80275  
80276  
80277  
80278  
80279  
80280  
80281  
80282  
80283  
80284  
80285  
80286  
80287  
80288  
80289  
80290  
80291  
80292  
80293  
80294  
80295  
80296  
80297  
80298  
80299  
80300  
80301  
80302  
80303  
80304  
80305  
80306  
80307  
80308  
80309  
80310  
80311  
80312  
80313  
80314  
80315  
80316  
80317  
80318  
80319  
80320  
80321  
80322  
80323  
80324  
80325  
80326  
80327  
80328  
80329  
80330  
80331  
80332  
80333  
80334  
80335  
80336  
80337  
80338  
80339  
80340  
80341  
80342  
80343  
80344  
80345  
80346  
80347  
80348  
80349  
80350  
80351  
80352  
80353  
80354  
80355  
80356  
80357  
80358  
80359  
80360  
80361  
80362  
80363  
80364  
80365  
80366  
80367  
80368  
80369  
80370  
80371  
80372  
80373  
80374  
80375  
80376  
80377  
80378  
80379  
80380  
80381  
80382  
80383  
80384  
80385  
80386  
80387  
80388  
80389  
80390  
80391  
80392  
80393  
80394  
80395  
80396  
80397  
80398  
80399  
80400  
80401  
80402  
80403  
80404  
80405  
80406  
80407  
80408  
80409  
80410  
80411  
80412  
80413  
80414  
80415  
80416  
80417  
80418  
80419  
80420  
80421  
80422  
80423  
80424  
80425  
80426  
80427  
80428  
80429  
80430  
80431  
80432  
80433  
80434  
80435  
80436  
80437  
80438  
80439  
80440  
80441  
80442  
80443  
80444  
80445  
80446  
80447  
80448  
80449  
80450  
80451  
80452  
80453  
80454  
80455  
80456  
80457  
80458  
80459  
80460  
80461  
80462  
80463  
80464  
80465  
80466  
80467  
80468  
80469  
80470  
80471  
80472  
80473  
80474  
80475  
80476  
80477  
80478  
80479  
80480  
80481  
80482  
80483  
80484  
80485  
80486  
80487  
80488  
80489  
80490  
80491  
80492  
80493  
80494  
80495  
80496  
80497  
80498  
80499  
80500  
80501  
80502  
80503  
80504  
80505  
80506  
80507  
80508  
80509  
80510  
80511  
80512  
80513  
80514  
80515  
80516  
80517  
80518  
80519  
80520  
80521  
80522  
80523  
80524  
80525  
80526  
80527  
80528  
80529  
80530  
80531  
80532  
80533  
80534  
80535  
80536  
80537  
80538  
80539  
80540  
80541  
80542  
80543  
80544  
80545  
80546  
80547  
80548  
80549  
80550  
80551  
80552  
80553  
80554  
80555  
80556  
80557  
80558  
80559  
80560  
80561  
80562  
80563  
80564  
80565  
80566  
80567  
80568  
80569  
80570  
80571  
80572  
80573  
80574  
80575  
80576  
80577  
80578  
80579  
80580  
80581  
80582  
80583  
80584  
80585  
80586  
80587  
80588  
80589  
80590  
80591  
80592  
80593  
80594  
80595  
80596  
80597  
80598  
80599  
80600  
80601  
80602  
80603  
80604  
80605  
80606  
80607  
80608  
80609  
80610  
80611  
80612  
80613  
80614  
80615  
80616  
80617  
80618  
80619  
80620  
80621  
80622  
80623  
80624  
80625  
80626  
80627  
80628  
80629  
80630  
80631  
80632  
80633  
80634  
80635  
80636  
80637  
80638  
80639  
80640  
80641  
80642  
80643  
80644  
80645  
80646  
80647  
80648  
80649  
80650  
80651  
80652  
80653  
80654  
80655  
80656  
80657  
80658  
80659  
80660  
80661  
80662  
80663  
80664  
80665  
80666  
80667  
80668  
80669  
80670  
80671  
80672  
80673  
80674  
80675  
80676  
80677  
80678  
80679  
80680  
80681  
80682  
80683  
80684  
80685  
80686  
80687  
80688  
80689  
80690  
80691  
80692  
80693  
80694  
80695  
80696  
80697  
80698  
80699  
80700  
80701  
80702  
80703  
80704  
80705  
80706  
80707  
80708  
80709  
80710  
80711  
80712  
80713  
80714  
80715  
80716  
80717  
80718  
80719  
80720  
80721  
80722  
80723  
80724  
80725  
80726  
80727  
80728  
80729  
80730  
80731  
80732  
80733  
80734  
80735  
80736  
80737  
80738  
80739  
80740  
80741  
80742  
80743  
80744  
80745  
80746  
80747  
80748  
80749  
80750  
80751  
80752  
80753  
80754  
80755  
80756  
80757  
80758  
80759  
80760  
80761  
80762  
80763  
80764  
80765  
80766  
80767  
80768  
80769  
80770  
80771  
80772  
80773  
80774  
80775  
80776  
80777  
80778  
80779  
80780  
80781  
80782  
80783  
80784  
80785  
80786  
80787  
80788  
80789  
80790  
80791  
80792  
80793  
80794  
80795  
80796  
80797  
80798  
80799  
80800  
80801  
80802  
80803  
80804  
80805  
80806  
80807  
80808  
80809  
80810  
80811  
80812  
80813  
80814  
80815  
80816  
80817  
80818  
80819  
80820  
80821  
80822  
80823  
80824  
80825  
80826  
80827  
80828  
80829  
80830  
8

107252

Dart.

19280N

NORTH AMERICAN  
STAINLESS

## METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 433808 02 Mail To:

Ship To:

Date: 8/01/2018 Page: 1 of 1

Steel: 303

Finish: Cold Draw

Dia/Thk: .6250 in

Leg Length:

Length: 144.00 in

Corrosion:

Customer:

NAS Order:

Your Order:

Heat Treat Code: 48,357

Item Code:

PRODUCT DESCRIPTION:REMARKS:

Round Bar, Annealed, Cold Draw  
 UNS 30300, ASTM A582/A17 EN 10204 3.1, ASTM A484/18  
 AMS 5640V TYPE 1, QQS-764B CONDITION A  
 SOLUTION ANNEAL TEMP 1900F MIN, ASTM F899/12B

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE  
 2011/65/EU.RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG  
 IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

| Bundle Weight |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| BJ71547 3192  |               |               |               |               |               |               |               |               |               |

## CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

NAS Heat	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
891B	US	.037	.10	17.15	.30	1.85	.321	.039	8.48	.032	.3370	
SI %												
.46												

## MECHANICAL PROPERTIES

1 d o i c r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BJ71547 R L	208.0	83.95	107.52	34.73	24.37

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical  
Dept.Mgr.

  
KRIS LARK

## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)

SPECIFICATION:  
PART NUMBER:

WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 0.75" ROUND BAR = M303R0.750

EG. 0.75" ROUND BAR = M303R0.750

	B REF FOR 08-020A	A NEW ISSUE	REV.	DESCRIPTION	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	DRAWING NO. M3C3R	TITLE 303 ROUND BAR	SCALE	NITS
DESIGN	DRAWN	CHECKED	MFG. APPR.	APPROVED	DE APPR.	DATE	10/01/05	10/12/20	10/01/05
								BY DATE	

C  
11

卷之三

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R0.625  
 DATE: 18/09/17

PO / BATCH NO.: P0040866 / S110762

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 12.083 ft  
 QUANTITY INSPECTED: 12.083 ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.625"  
 THICKNESS RECEIVED: 0.625"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/>	N
CORROSION	Y <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/>	N
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/>	N
CORRECT THICKNESS	Y <input checked="" type="radio"/>	N
PHOTO REQUIRED	Y <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/>	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/>	N
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/>	N
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY:	<u>Ar</u>	SIGNED OFF BY:	
DATE:	<u>18/09/17</u>	DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

CERTIFICATE OF COMPLIANCE / CERTIFICAT DE CONFORMITÉ

Order No. / No. Commande <b>AC00019299</b>	CUSTOMER / CLIENT <b>LES ACIERS OUELLETTE INC</b>	Packing slip / No. d'expédition <b>L50750-01</b>	DATE <b>07-09-18</b>
MATERIAL ID# / No. MATÉRIEL <b>2013-2594</b>	GRADE / NUANCE <b>H-13</b>	HEAT TREATMENT / TRAITEMENT THERMIQUE <b>ANNEALED / RECUIT ADOUCI</b>	HEAT / COULÉE <b>B29392</b>
PAYS D'ORIGINE <b>UKRAINE</b>			
SHAPE / FORME <b>Round / Rond</b>	SIZE / DIMENSION <b>.6250" in.</b>	SPECIFICATIONS <b>ASTM A681</b>	

**CHEMICAL COMPOSITION / ANALYSE CHIMIQUE**

	Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)
mini/maxi	0.320	0.450	0.800	1.250
actuel (%):	<b>0.380</b>	<b>0.990</b>	<b>0.370</b>	<b>0.024</b>
	Sulfur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)
mini/maxi	0.030	4.750	5.500	—
actuel (%):	<b>0.003</b>	<b>4.990</b>	<b>0.160</b>	<b>1.300</b>
	Copper (Cu)	Vanadium (V)	Aluminium (Al)	Tungsten (W)
mini/maxi	—	0.800	1.200	—
actuel (%):	<b>0.100</b>	<b>0.970</b>	<b>0.025</b>	<b>0.000</b>

**MECHANICAL PROPERTIES / PROPRIÉTÉS MÉCANIQUES**

Yield strength / Élasticité	Tensile / résistance à la traction	Elongation / allongement (%)	Reduction of area / surface (%)	surface hd/dureté
PSI	PSI	—	0.0%	207 BHN

No weld repairs performed during the manufacturing of this product. We hereby certify that the above results have been verified and conform to the above mentionned specifications.

Aucune réparation exécutée par soudure durant la fabrication de ce produit. Par la présente nous attestons que les résultats ci-haut mentionnés ont été vérifiés et sont conformes aux spécifications.

*Keith BALL*

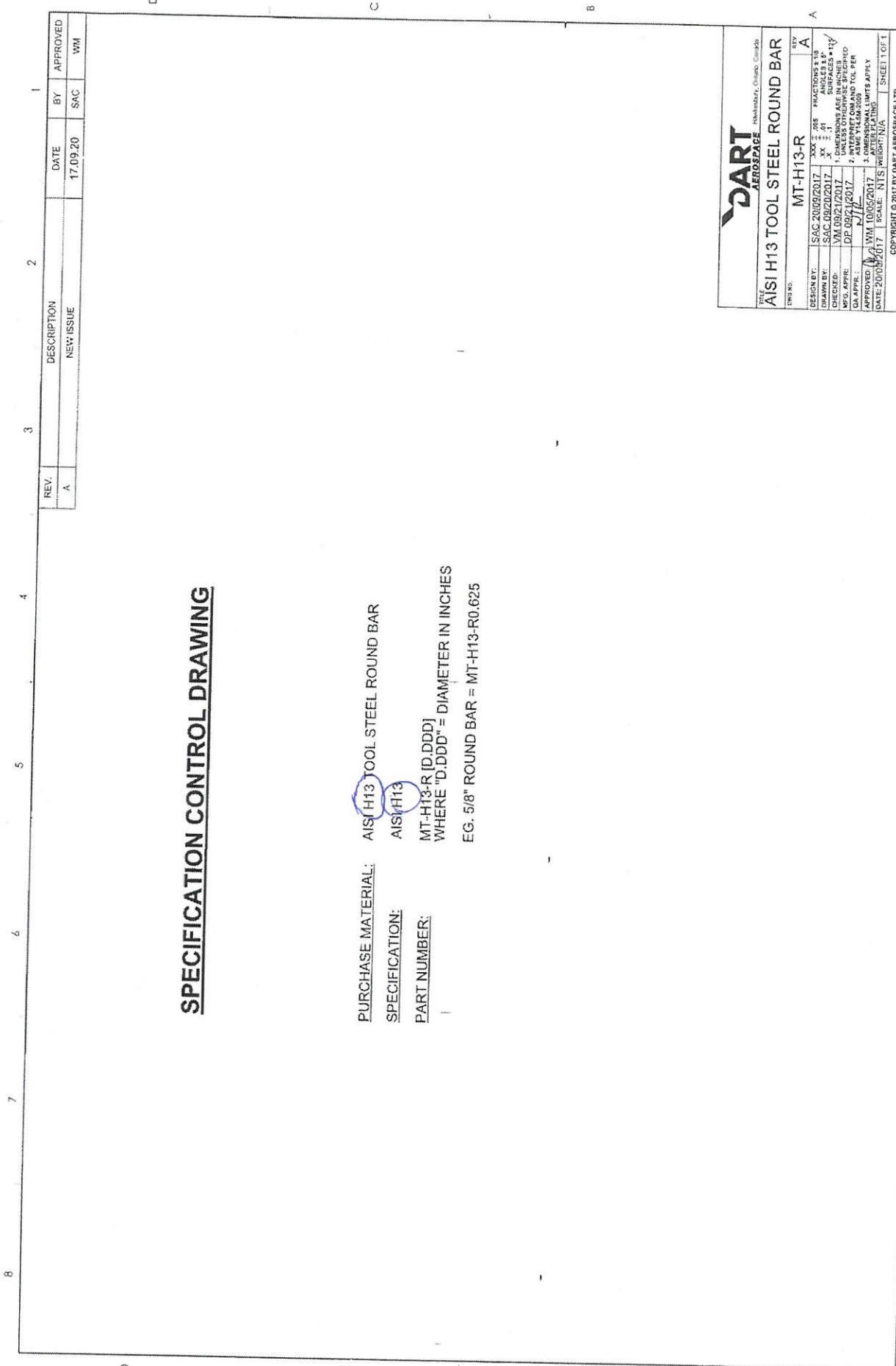
## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI H13 TOOL STEEL ROUND BAR  
SPECIFICATION: AISI H13  
PART NUMBER: MT-H13-R [D,DDD]  
 WHERE "D,DDD" = DIAMETER IN INCHES

E.G. 5/8" ROUND BAR = MT-H13-R0.625

REV.	DESCRIPTION	DATE	BY	APPROVED
A	NEW ISSUE	17.09.20	SAC	WM

DART			
AEROSPACE			
Hawthorne, Ontario, Canada			
<b>ASME H13 TOOL STEEL ROUND BAR</b>			
SPN NO.	MT-H13-R		
DESIGN BY:	SAC	FRACTIONS	REV
DRAWN BY:	SAC	208X	A
CHECKED:	VAN	1/2	
MFG APPROV:	OP	1/2	
QA APPROV:	KJL	1/2	
APPROVED:	WJM	10/05/2017	
DATE:	20/09/2017	SCALE:	N/T
		WEIGHT:	N/A
SHEET 1 OF 1			
Copyright © 2017 by DART Aerospace Ltd.			
No portion of this document may be reproduced without written permission from DART Aerospace Ltd.			



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-413-R0.625  
 DATE: 18/09/17

PO / BATCH NO.: P0040866/5110763

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 6ft  
 QUANTITY INSPECTED: 6ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.625"  
 THICKNESS RECEIVED: 0.625"  
 SHEET SIZE ORDERED: -  
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	Y <u>(N)</u>	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	Y <u>(N)</u>	
CORRECT MATERIAL PER M-DRAWING	Y <u>(N)</u>	<u>H-12</u>
CORRECT THICKNESS	Y <u>(N)</u>	
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT REF # TO LINK CERT	Y <u>(N)</u>	<u>B29392</u>
CORRECT MATERIAL IDENTIFICATION	Y <u>(N)</u>	
CORRECT M# ON THE MATERIAL	Y <u>(N)</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AJ</u>	SIGNED OFF BY: _____
DATE: <u>18/09/17</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



**CERTIFICATION DU MATÉRIEL**

**CLIENT:**  
SALABERRY-DE-VALLEYFIELD

**ACIER OUELLETTE INC DIV.DE**

935 BOUL DU HAVRE  
SALABERRY-DE-VALLEYFIELD, QUEBEC  
QC J6S 5L1

**NUMÉRO DE COMMANDE:** 14975896 000020

**COMMANDE DU CLIENT:** ac00018459 20

**NUMÉRO DE PIÈCES:**

**NUMÉRO DE LIVRAISON:** 803802592 000020

**NUMÉRO D'ARTICLE:** 160008471

**DESCRIPTION INVENTAIRE:** RD CF 304/304L ANN 1 X 144RL

**DESCRIPTION ARTICLE FINIS:** INOX Barre RD FF(CF) 304/304L  
1po X 144po LA

**NUMERO (S) DE COULEE** BRAME / BOBINE / TIN (le cas échéant)

830W BJ6071 8

**CERTIFICATION**

Un sondage de nos sources matérielles a indiqué que ni le mercure ni des substances radioactives ne sont introduits dans leurs produits ni ne sont utilisés dans aucun de leurs procédés. Alors que nous ne faisons aucun test indépendant pour le mercure ou la radiation, il n'y a rien dans le système de qui pourrait entraîner la contamination de l'un ou l'autre type.

Ce document certifie que le matériel décrit ci-dessus a été expédié conformément à votre commande. Le producteur du matériel a certifié à qu'il a été produit conformément aux spécifications suivantes:

ASTM A276 A479 UNS S30403 AMS 5639 5647 QQ-S-763 ASME SA479

07/30/2018

Thomas Endres

Vice-président - Approvisionnement

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR  
(NOTE: AISI 303 NOT ACCEPTABLE)  
△ SPECIFICATION:  
PART NUMBER:  
M304R[D] DDD  
DIA.

WHERE 'D.DDD" = DIAMETER IN INCHES  
EG. 0.75" ROUND BAR = M304R0.750

RELEASED  
*CHB/23/04*

B	REFORMED DWG. ADD SPECS (EN D6-1).	CP	09/07/15
A	REF PAR GR-020A NEW ISSUE	AS	08/03/03
REV		BY	DATE
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AA	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AA	DRAWING NO.	
MFG APPR.	AA	M304R	
APPROVED	AA	REV. B	
DE APPR.	AA	TITLE	
DATE	09/07/15	304/316 ROUND BAR	
		Copyright © 2008 by DART AEROSPACE LTD	
		All rights reserved. No part of this document may be reproduced without written permission from DART Aerospace Ltd.	
		2	

A  
SHEET 1 OF 1  
SCALE  
NTS

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304 R1.000  
 DATE: 18/09/17

PO / BATCH NO.: P0040866/5110764

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 27.958ft  
 QUANTITY INSPECTED: 27.958ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"  
 THICKNESS RECEIVED: 1.000"  
 SHEET SIZE ORDERED: -  
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER
<i>testers located in the Quality Office</i>					

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AM</u>	SIGNED OFF BY: _____
DATE: <u>18/09/17</u>	DATE: _____
<small>Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in</small>	